



LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

9301-211-999

APPLICATION NO.

10/523,143

APPLICANT

Schadt et al.

FILING DATE

August 1, 2003

GROUP

1631

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR
/JSB/	A01 6,368,806	04/09/2002	Openshaw et al.	
/JSB/	A02 6,324,479	11/27/2001	Friend et al.	
/JSB/	A03 6,271,002	08/07/2001	Linsley et al.	
/JSB/	A04 6,218,122	04/17/2001	Friend et al.	
/JSB/	A05 6,165,709	12/26/2000	Friend et al.	
/JSB/	A06 6,132,997	10/17/2000	Shannon	
/JSB/	A07 6,132,969	10/17/2000	Stoughton et al.	
/JSB/	A08 5,965,352	10/12/1990	Stoughton et al.	
/JSB/	A09 5,569,588	10/29/1996	Ashby et al.	
/JSB/	A10 5,578,832	11/26/1996	Trulson et al.	
/JSB/	A11 5,510,270	04/23/1996	Fodor et al.	
/JSB/	A12 5,324,631	06/28/1994	Helentjaris et al.	
/JSB/	A13 5,075,217	12/24/1991	Weber	
/JSB/	A14 US 2003 0224394 A1	12/04/2003	Schadt et al.	
/JSB/	A15 10/558,928	11/30/2005	Schadt et al.	
/JSB/	A16 10/540,405	12/24/2003	Schadt et al.	
/JSB/	A17 10/515,804	11/30/2005	Schadt et al.	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR	T
/JSB/	B01 WO 2005/017652	02/24/2005	WIPO		
/JSB/	B02 WO 2004/109447	12/16/2004	WIPO		
/JSB/	B03 WO 2004/061616	07/22/2004	WIPO		
/JSB/	B04 PCT/US04/16917	05/28/2004	International Search Report		
/JSB/	B05 WO 2004/013727	02/12/2004	WIPO		
/JSB/	B06 PCT/US03/41613	12/24/2003	International Search Report		
/JSB/	B07 WO 2003/100557	12/04/2003	WIPO		
/JSB/	B08 WO 2003/065282	08/07/2003	WIPO		
/JSB/	B09 PCT/US03/23976	08/01/2003	International Search Report		
/JSB/	B10 PCT/US03/15768	05/20/2003	International Search Report		
/JSB/	B11 PCT/US03/03100	02/03/2003	International Search Report		
/JSB/	B12 WO 1999/13107	03/18/1999	WIPO		

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-211-999		APPLICATION NO. 10/523,143	
	APPLICANT Schadt et al.			
	FILING DATE August 1, 2003		GROUP 1631	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials		(Include name of the author (in CAPITAL LETTERS), Title, Date, Pertinent Pages, Etc.)	T
/JSB/	C01	Aitman et al., 1999, "Identification of Cd36 (Fat) as an insulin-resistance gene causing defective fatty acid and glucose metabolism in hypertensive rats," <i>Nature Genetics</i> 21: 76-83.	
/JSB/	C02	Akagi et al., 1996, "Microsatellite DNA markers for rice chromosomes," <i>Theor. Appl. Genet.</i> 93:1071-1077	
/JSB/	C03	Allison et al., 1998, "Multiple phenotype modeling in gene-mapping studies of quantitative traits: power advantages," <i>Am. J. Hum. Genet.</i> 63:1190-1201	
/JSB/	C04	Amos et al., 1990, "A multivariate method for detecting genetic linkage, with application to a pedigree with an adverse lipoprotein phenotype," <i>Am. J. Hum. Genet.</i> 47:247-254	
/JSB/	C05	Barbosa et al., 1976, "The genetic heterogeneity of diabetes: histocompatibility antigens (HLA) in families with maturity-onset type diabetes of the young (MODY) and juvenile, insulin-dependent diabetes (JID) [proceedings]," <i>Diabetes, Metab.</i> 2:160	
/JSB/	C06	Blanchard et al., 1996, "Sequence to array: Probing the genome's secrets," <i>Nature Biotechnology</i> 14:1649	
/JSB/	C07	Blanchard et al., 1996, "High-density oligonucleotide arrays," <i>Biosensors & Bioelectronics</i> 11: 687-690	
/JSB/	C08	Bligh et al., 1995, "A microsatellite sequence closely linked to the Waxy gene of <i>Oryza sativa</i> ," <i>Euphytica</i> 86:83-85	
/JSB/	C09	Bochner et al., 2001, "Phenotype microarrays for high-throughput phenotypic testing and assay of gene function," <i>Genome Res.</i> 11:1246-1255	
/JSB/	C10	Borjeson, 1976, "The aetiology of obesity in children," <i>Acta. Paediatr. Scand.</i> 65:279-287	
/JSB/	C11	Bray, 1989, "1989 McCollum Award Lecture. Genetic and hypothalamic mechanisms for obesity-finding the needle in the haystack," <i>Am. J. Clin. Nutr.</i> 50:891-902	
/JSB/	C12	Bray, 1992, "Genetic, hypothalamic and endocrine features of clinical and experimental obesity," <i>Progress in Brain Research</i> 93:333-341	
/JSB/	C13	Brem et al., 2002, "Genetic Dissection of Transcriptional Regulation in Budding Yeast," <i>Science</i> 296:752-755	
/JSB/	C14	Brown et al., 2000, "Knowledge-based analysis of microarray gene expression data by using support vector machines," <i>Proc. Natl. Acad. Sci. USA</i> 97:262-267	
/JSB/	C15	Cheung et al., 2002, "The genetics of variation in gene expression," <i>Nature Genetics Supplement</i> 32: 522-525	
/JSB/	C16	Cheung et al., 2003, "Natural variation in human gene expression assessed in lymphoblastoid cells," <i>Nature Genetics</i> 33: 422-425	
/JSB/	C17	Chirgwin et al., 1979, "Isolation of biologically active ribonucleic acid from sources enriched in ribonuclease," <i>Biochemistry</i> 18:5294-5299	
/JSB/	C18	Cohen et al., 2000, "A computational analysis of whole-genome expression data reveals chromosomal domains of gene expression," <i>Nature Genetics</i> 26:183-186	
/JSB/	C19	Corder et al., 1993, "Gene dose of apolipoprotein E type 4 allele and the risk of Alzheimer's disease in late onset families," <i>Science</i> 261:921-923	
/JSB/	C20	Cox et al., 1999, "Loci on chromosomes 2 (NIDDM1) and 15 interact to increase susceptibility to diabetes in Mexican Americans," <i>Nature Genetics</i> 21:213-215	
/JSB/	C21	DeRisi et al., 1996, "Use of a cDNA microarray to analyse gene expression patterns in human cancer," <i>Nature Genetics</i> 14:457-460	
/JSB/	C22	Doerge, 2002, "Mapping and analysis of quantitative trait loci in experimental populations," <i>Nature Reviews</i> 3:43-52	
/JSB/	C23	Drachmire, 2003, "Data Analysis Tools for DNA Microarrays," Chapman & Hall, p. 1-478	
/JSB/	C24	Duda et al., 2001, <i>Pattern Classification</i> , John Wiley & Sons, New York, NY, p. 521-530	
/JSB/	C25	Duda et al., 2001, <i>Pattern Classification</i> , John Wiley & Sons, New York, NY, p. 550-557	
/JSB/	C26	Easton et al., 1993, "Inherited susceptibility to breast cancer," <i>Cancer Surv.</i> 18:95-113	
/JSB/	C27	Eaves et al., 2002, "Combining Mouse Congenic Strains and Microarray Gene Expression Analyses to Study a Complex Trait: The NOD Model of Type 1 Diabetes," <i>Genome Research</i> 12: 232-243.	
/JSB/	C28	Egholm et al., 1993, "PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules," <i>Nature</i> 363:566-568	
/JSB/	C29	Elowitz et al., 2002, "Stochastic Gene Expression in a Single Cell," <i>Science</i> 297:1183-1186	

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

9301-211-999

APPLICATION NO.

10/523,143

APPLICANT

Schadt et al.

FILING DATE

August 1, 2003

GROUP

1631

/JSB/	C30	Falk et al., 1987, "Haplotype relative risks: an easy reliable way to construct a proper control sample for risk calculations," <i>Ann. Hum. Genet.</i> 51 (Pt 3):227-233	
/JSB/	C31	Ferguson et al., 1996, "A fiber-optic DNA biosensor microarray for the analysis of gene expression," <i>Nature Biotechnology</i> 14:1681-1684	
/JSB/	C32	Fiehn et al., 2000, "Metabolite profiling for plant functional genomics," <i>Nature Biotech.</i> 18:1157-1161.	
/JSB/	C33	Fishel et al., 1993, "The human mutator gene homolog MSH2 and its association with hereditary nonpolyposis colon cancer," <i>Cell</i> 75:1027-1038	
/JSB/	C34	Fodor et al., 1991, "Light-directed, spatially addressable parallel chemical synthesis," <i>Science</i> 251:767-773	
/JSB/	C35	Ford et al., 1994, "Risks of cancer in BRCA1-mutation carriers. Breast Cancer Linkage Consortium," <i>Lancet</i> 343:692-695	
/JSB/	C36	Friedman et al., 1991, "Molecular mapping of obesity genes," <i>Mammalian Genome</i> 1:130-144	
/JSB/	C37	Friedman et al., 1992, "Tackling a weighty problem," <i>Cell</i> 69:217-220	
/JSB/	C38	Froehner et al., 1986, "Synthesis of DNA via deoxynucleoside H-phosphonate intermediates," <i>Nucleic Acids Research</i> 14:5399-5407	
/JSB/	C39	Fulker et al., 1999, "Combined Linkage and Association Sib-Pair Analysis for Quantitative Traits," <i>Am. J. Hum. Genet.</i> 64:259-267	
/JSB/	C40	Fullerton et al., 2000, "Apolipoprotein E variation at the sequence haplotype level: implications for the origin and maintenance of a major human polymorphism," <i>Am. J. Hum. Genet.</i> 67:881-900	
/JSB/	C41	Gaasterland et al., 2000, "Making the most of microarray data," <i>Nature Genetics</i> 24:204-206	
/JSB/	C42	Goffeau et al., 1996, "Life with 6000 genes," <i>Science</i> 274:546-567	
/JSB/	C43	Grunau et al., 2001, "MethDB-a public database for DNA methylation data," <i>Nucleic Acids Research</i> , 29: 270-274	
/JSB/	C44	Grundy et al., 1990, "Metabolic and health complications of obesity," <i>Dis. Mon.</i> 36:641-731	
/JSB/	C45	Halcy et al., 1992, "A simple regression method for mapping quantitative trait loci in line crosses using flanking markers," <i>The Genetical Society of Great Britain</i> 69:315-324	
/JSB/	C46	Hayashi et al., 1994, "Detection of additive and dominance effects of QTLs in interval mapping of F2 RFLP data," <i>Theor. Appl. Genet.</i> 87:1021-1027	
/JSB/	C47	Helentjaris et al., 1985, "Restriction fragment polymorphisms as probes for plant diversity and their development as tools for applied plant breeding," <i>Plant Molecular Biology</i> 5:109-118	
/JSB/	C48	Helm et al., 1991, "Classification and identification of bacteria by Fourier-transform infrared spectroscopy," <i>Journal of General Microbiology</i> 137: 69-79	
/JSB/	C49	Hu et al., 1991, "Identification of broccoli and cauliflower cultivars with RPD markers," <i>Plant Cell Reports</i> 10:505-511	
/JSB/	C50	Hughes et al., 2000, "Functional Discovery via a Compendium of Expression Profiles," <i>Cell</i> 102:109-126	
/JSB/	C51	International Human Genome Consortium, 2001, "Initial sequencing and analysis of the human genome," <i>Nature</i> 409:860-921	
/JSB/	C52	James et al., 1998, "Non-alcoholic steatohepatitis (NASH): a disease of emerging identity and importance," <i>Journal of Hepatology</i> 29: 495-501	
/JSB/	C53	Jansen, 1993, "Interval mapping of multiple quantitative trait loci," <i>Genetics</i> 135:205-211	
/JSB/	C54	Jansen, 1994, "Controlling the type I and type II errors in mapping quantitative trait loci," <i>Genetics</i> 138:871-881	
/JSB/	C55	Jansen et al., 2001, "Genetical genomics: the added value from segregation," <i>TRENDS in Genetics</i> 17:388-391	
/JSB/	C56	Jarvis et al., 1973, "Clustering using a similarity measure based on shared near neighbors," <i>IEEE Transactions on computers</i> C-22:1025-1034	
/JSB/	C57	Jaspers et al., 1982, "Genetic heterogeneity in ataxia-telangiectasia studied by cell fusion," <i>Proc. Natl. Acad.</i> 79: 2641-2644	
/JSB/	C58	Jiang et al., 1995, "Multiple trait analysis of genetic mapping for quantitative trait loci," <i>Genetics</i> 140:1111-1127	
/JSB/	C59	Jin et al., 2001, "The contributions of sex, genotype and age to transcriptional variance in <i>Drosophila melanogaster</i> ," <i>Nature Genetics</i> 29: 389-395	
/JSB/	C60	Kajiwara et al., 1994, "Digenic Retinitis Pigmentosa Due to Mutations at the Unlinked Peripherin/RDS and ROM1 Loci," <i>Science</i> 264: 1604-1608	
/JSB/	C61	Karp et al., 2000, "Identification of complement factor 5 as a susceptibility locus for experimental allergic asthma," <i>Nature Immunology</i> , Vol. 1, No. 3: 221-226.	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. 9301-21 1-999	APPLICATION NO. 10/523,143
		APPLICANT Schadt et al.	
		FILING DATE August 1, 2003	GROUP 1631

/JSB/	C62	Kearsey et al., 1994, "QTL analysis: a simple 'marker-regression' approach," Theor. Appl. Genet. 89:698-702	
/JSB/	C63	Knapp et al., 1993, "The haplotype-relative-risk (HRR) method for analysis of association in nuclear families," Am. J. Hum. Genet. 52:1085-1093	
/JSB/	C64	Knoll et al., 1993, "Cytogenetic and Molecular Studies in the Prader-Willi and Angelman Syndromes: An Overview," Amer. Journal of Medical Genetics 46: 2-6	
/JSB/	C65	Kruglyak et al., 1996, "Parametric and nonparametric linkage analysis: a unified multipoint approach," Am. J. Hum. Genet. 58:1347-1363	
/JSB/	C66	Kruglyak et al., 2001, "Variation is the spice of life," Nature Genetics 27:234-236	
/JSB/	C67	Lance et al., 1967, "A general theory of classificatory sorting strategies," Computer Journal 9:373-380	
/JSB/	C68	Lander et al., 1989, "Mapping Mendelian factors underlying quantitative traits using RFLP linkage maps," Genetics 121:185-199	
/JSB/	C69	Lander et al., 1994, "Genetic dissection of complex traits," Science 265:2037-2048	
/JSB/	C70	Lander, 1996, "The new genomics: Global views of biology," Science 274:536-539	
/JSB/	C71	Lcvsky et al., 2002, "Single-Cell gene expression profiling," Science 297:836-840	
/JSB/	C72	Lockhart et al., 1996, "Expression monitoring by hybridization to high-density oligonucleotide arrays," Nature Biotechnology 14:1675-1680	
/JSB/	C73	Lynch et al., 1998, "Genetics and Analysis of Quantitative Traits," Sinauer Associates, Inc.: 3-867	
/JSB/	C74	Machleder et al., 1997, "Complex Genetic Control of HDL Levels in Mice in Response to an Atherogenic Diet," J. Clin. Invest. 99:1406-1419	
/JSB/	C75	Manly et al., 1999, "Overview of QTL mapping software and introduction to Map Manager QT," Mammalian Genome 10:327-334	
/JSB/	C76	Martinez et al., 1994, "Missing markets when estimating quantitative trait loci using regression mapping," The Genetical Society of Great Britain 73:198-206	
/JSB/	C77	Maskos et al., 1992, "Oligonucleotide hybridisations on glass supports: a novel linker for oligonucleotide synthesis and hybridisation properties of oligonucleotides synthesised in situ," Nucleic Acids Research 20: 1679-1684	
/JSB/	C78	McBride et al., 1983, "An Investigation of Several Deoxynucleoside Phosphoramidites Useful for Synthesizing Deoxypolynucleotides," Tetrahedron Letters 24: 245-248	
/JSB/	C79	Moll et al., 1991, "The Genetic and Environmental Sources of Body Mass Index Variability: The Muscatine Ponderosity Family Study," Am. J. Hum. Genet. 49: 1243-1255	
/JSB/	C80	Mount, 2001, "Genome Analysis," Bioninformatics Sequence and Genome Analysis Chapter 10, p. 479-531	
/JSB/	C81	Naumann et al., 1991, "Microbiological characterizations by FT-IR spectroscopy," Nature 351: 81-82	
/JSB/	C82	Nguyen et al., 1995, "Differential gene expression in the murine thymus assayed by quantitative hybridization of arrayed cDNA clones," Genomics 29:207-216	
/JSB/	C83	Nishina et al., 1994, "Atherosclerosis in genetically obese mice: the mutants obese, diabetes, fat, tubby, and lethal yellow," Metabolism 43:554-558	
/JSB/	C84	Olson et al., 1999, "Tutorial in biostatistics genetic mapping of complex traits," Statistics in Medicine 18:2961-2981	
/JSB/	C85	Patil et al., 2001, "Blocks of limited haplotype diversity revealed by high-resolution scanning of human chromosome 21," Science 294:1719-1723	
/JSB/	C86	Pease et al., 1994, "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," Proc. Natl. Acad. Sci. 91: 5022-5026	
/JSB/	C87	Pericak-Vance et al., 1991, "Linkage Studies in Familial Alzheimer Disease: Evidence for Chromosome 19 Linkage," Am. J. Hum. Genet. 48: 1034-1050	
/JSB/	C88	Prashar et al., 1996, "Analysis of differential gene expression by display of 3' end restriction fragments of cDNAs," Proc. Natl. Acad. Sci. USA 93:659-663	
/JSB/	C89	Reeders et al., 1987, "A study of genetic linkage heterogeneity in adult polycystic kidney disease," Hum. Genet. 76:348-351	
/JSB/	C90	Roberts et al., 2000, "Signaling and Circuitry of Multiple MAPK Pathways Revealed by a Matrix of Global Gene Expression Profiles," Science 287: 873-880	
/JSB/	C91	Sagliocco et al., 1996, "Identification of Proteins of the Yeast Protein Map using Genetically Manipulated Strains and Peptide-Mass Fingerprinting," Yeast 12: 1519-1533	
/JSB/	C92	Sandberg et al., 2000, "Regional and strain-specific gene expression mapping in the adult mouse brain," PNAS 97: 11038-11043	
/JSB/	C93	Schadt et al., 2003, "Genetics of gene expression surveyed in maize, mouse and man," Nature 422:297-302	

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 9301-211-999	APPLICATION NO. 10/523,143
	APPLICANT Schadt et al.	
	FILING DATE August 1, 2003	GROUP 1631

/JSB/	C94	Schadt et al., 2003, "A new paradigm for drug discovery: integrating clinical genetic, genomic and molecular phenotype data to identify drug targets," <i>Biochemical Society</i> 31:437-443	
/JSB/	C95	Schena et al., 1996, "Parallel human genome analysis; microarray-based expression of 1000 genes," <i>Proc. Natl. Acad. Sci. USA</i> 93:10614-10619	
/JSB/	C96	Schena et al., 1995, "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," <i>Science</i> 270: 467-470	
/JSB/	C97	Shalon et al., 1996, "A DNA microarray system for analyzing complex DNA samples using two-color fluorescent probe hybridization," <i>Genome Research</i> 6:639-645	
/JSB/	C98	Shevchenko et al., 1996, "Linking genome and proteome by mass spectrometry: Large-scale identification of yeast proteins from two dimensional gels," <i>Proc. Natl. Acad. Sci.</i> 93: 14440-14445	
/JSB/	C99	Spielman et al., 1989, "Genetic Analysis of IDDM: Summary of GAW5 IDDM Results," <i>Genetic Analysis of complex Traits, Part I</i> : 43-58	
/JSB/	C100	Steinmetz et al., 2002, "Dissecting the architecture of a quantitative trait locus in yeast," <i>Nature</i> 416: 326-330	
/JSB/	C101	St. George-Hyslop et al., 1990, "Genetic linkage studies suggest that Alzheimer's disease is not a single homogeneous disorder. FAD Collaborative Study Group," <i>Nature</i> 347:194-197	
/JSB/	C102	Struss et al., 1998, "The use of microsatellite markers for detection of genetic diversity in barley populations," <i>Theor. Appl. Genet.</i> 97:308-315	
/JSB/	C103	Stover et al., 2001, "Characterization of Gene Expression Profiles in Peripheral Blood Mononuclear Cells and Bone Marrow of Normal Human Volunteers," <i>FASEB Journal</i> , 534-9: A696	
/JSB/	C104	Stunkard et al., 1990, "The Body-Mass Index of Twins Who Have Been Reared Apart," <i>New England Journal of Medicine</i> 322: 1483-1487	
/JSB/	C105	Tamayo et al., 1999, "Interpreting patterns of gene expression with self-organizing maps: Methods and application to hematopoietic differentiation," <i>Proc. Natl. Acad. Sci. USA</i> 96:2907-2912	
/JSB/	C106	Terwilliger et al., 1992, "A haplotype-based 'haplotype relative risk' approach to detecting allelic associations," <i>Hum. Hered.</i> 42:337-346	
/JSB/	C107	Twine et al., 2003, "Disease-associated Expression Profiles in Peripheral Blood Mononuclear Cells from Patients with Advanced Renal Cell Carcinoma," <i>Cancer Research</i> 63: 6069-6075	
/JSB/	C108	Velculescu et al., 1995, "Serial Analysis of Gene Expression," <i>Science</i> 270: 484-487	
/JSB/	C109	Venter et al., 2001, "The Sequence of the Human Genome," <i>Science</i> 291: 1304-1351	
/JSB/	C110	Weed-Kastle et al., 1972, "Genetic Heterogeneity of Xeroderma Pigmentosum demonstrated by Somatic Cell Hybridization," <i>Nature New Biology</i> 238: 80-83	
/JSB/	C111	Welsh et al., 1990, "Fingerprinting genomes using PCR with arbitrary primers," <i>Nucleic Acids Research</i> 18: 7213-7218	
/JSB/	C112	Williams et al., 1999, "Joint multipoint linkage analysis of multivariate qualitative and quantitative traits," <i>Am. J. Hum. Genet.</i> 6:1134-1147	
/JSB/	C113	Wu et al., 1993, "Abundance, polymorphism and genetic mapping of microsatellites in rice," <i>Mol. Gen. Genet.</i> 241:225-235	
/JSB/	C114	Younossi et al., 2002, "Perspectives in Clinical Hepatology: Nonalcoholic Fatty Liver Disease: An Agenda for Clinical Research," <i>Hepatology</i> : 746-752	
/JSB/	C115	Zeng, 1993, "Theoretical basis for separation of multiple linked gene effects in mapping quantitative trait loci," <i>Proc. Natl. Acad. Sci. USA</i> 90:10972-10976	
/JSB/	C116	Zeng, 1994, "Precision mapping of quantitative trait loci," <i>Genetics</i> 136:1457-1468	

EXAMINER /John S. Brusca/	DATE CONSIDERED 02/06/2009
-------------------------------------	--------------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.